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$$\text{Hence: } t_{\perp} = 2l_o/c \cdot \sqrt{1-\beta^2} \approx 2l_o/c \cdot (1 - \beta^2/2), \quad (1)$$

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7.3.2. Time path difference at ANY point of observation (Fig.1A configuration).

But one can see from Fig.1A, that the time difference between \parallel and \perp beam paths depends on the observation point of their meeting, that, however, never was really considered during already the century of the World success and very intensive discussions.

Let us calculate the above time difference at some observation point E (at the distance value x from O' with order of value of OO' , it means $l_0\beta$ /where $OO' = 2V_e t_{\perp}/$).

7.3.2.1. \perp path $OM_2'E$.

$$OM_2' = \sqrt{(M_2'P'')^2 + (OP'')^2} = \sqrt{l_0^2 + (OP' + P'P'')^2} = \sqrt{l_0^2 + (OP' + x/2)^2}$$

$$OM_2' = l_0 \cdot \sqrt{1 + (OP' + x/2)^2/l_0^2} \approx l_0 + (OP')^2/2l_0 + OP' \cdot x/2l_0 + x^2/8l_0, \text{ where}$$

$$OE - OO' = x, \text{ hence } OE/2 - OO'/2 = OP'' - OP' = P'P'' = x/2.$$

$$\text{Analogically, } OM_2 = \sqrt{l_0^2 + (OP')^2} \approx l_0 + (OP')^2/2l_0.$$

Hence $OM_2' = OM_2 + OP' \cdot x/2l_0 + x^2/8l_0$, so in taking the total \perp path ($OM_2'E$) and dividing by c , one has: $t_{\perp}'(\text{path } OM_2'E) = t_{\perp} + OP' \cdot x/l_0 c + x^2/4l_0 c$.

Therefore, using equation (1) and introducing V_e in 2nd term:

$$t_{\perp}' = 2l_0(1 + \beta^2/2)/c + (OP'/V_e) \cdot (V_e/c) \cdot (x/l_0) + x^2/4l_0 c.$$

Hence with relation $OP'/V_e = t_{\perp}/2$ and, again, using equation (1), we have:

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$$OM_1'(t_{\parallel \rightarrow}) = ct_{\parallel \rightarrow} = OM_1 + MM_1' = l_0 + V_e \cdot t_{\parallel \rightarrow},$$

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The $t_{\parallel}'(\text{total})$ decreases with x and the t_{\perp}' increases with x . Let us find the x at $\Delta(t_{\parallel}' - t_{\perp}') = 0$ (Δ - difference). One has the second order equation relatively x :

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As consequence: $x^2 + 4l_0\beta x + 4l_0\beta^2 x - 4l_0\beta^2 = 0$ and one obtains $x \approx l_0\beta^2$ (3)
(in neglecting the terms of the order, higher than 2) making the root approximation (Tailor series) with 3 terms.

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From similar triangles $\triangle PM_2'N$ and $\triangle NEE'$: $EE'/NE = M_2'P/PN$
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where the $t_{II\uparrow}$ and $t_{II\downarrow}$ - the times for path OM_2' and M_2' 'NE' correspondingly. After the simple transformations, we get: $PN = y(l_o - V_e t_{II\uparrow}) / (2l_o + V_e t_{II\downarrow} - V_e t_{II\uparrow})$.

After the approximation (series Taylor) of the above corrected inverse function with the consecutive multiplication (in neglecting /at the end/ the terms of higher /than β^2 / orders), one get: $PN \approx y/2$ (4), where the y must be already proportional to $l_o \beta^2$ (§7.3.2.3.). Let find NE' from the similar triangles $\Delta OM_2'N$ and $\Delta NEE'$:

$$NE' = NM_2' \cdot EE'/M_2'P = OM_2' \cdot (V_e t_{II\uparrow} + V_e t_{II\downarrow}) / (l_o - V_e t_{II\uparrow}) \quad (\text{where } NM_2' = OM_2').$$

Analogically to the transformations of PN /in obtaining the equation (4)/, we get:

$$NE' = (OM_2'/l_o) \cdot (V_e t_{II\uparrow} + V_e t_{II\downarrow} + V_e^2 t_{II\uparrow}^2 / l_o + V_e^2 t_{II\uparrow} t_{II\downarrow} / l_o) \quad (5).$$

From right-angled triangle $\Delta OM_2'P$, one has:

$$OM_2' = \sqrt{(OP)^2 + (M_2'P)^2} = \sqrt{(PN)^2 + (l_o - V_e t_{II\uparrow})^2}.$$

With simple calculations (analogically to §7.3.2.1.) in dividing by l_o , approximating the root (Taylor series: taking firstly until the term of second order) and in neglecting (at the end) the terms of higher (than β^2) orders, we obtain (after deviding by c):

$$t_{II\uparrow}(OM_2') = (l_o/c) \cdot (1 - V_e t_{II\uparrow}/l_o + (PN)^2/2l_o^2).$$

Using equation (4), one has: $t_{II\uparrow} = l_o/c - V_e t_{II\uparrow}/c + y^2/8l_o c$ (6),

hence one can find $t_{II\uparrow}$: $t_{II\uparrow} = (8l_o + y^2)/(8l_o c + 8l_o V_e)$,

and then after approximation (series Taylor) of the above corrected (division and multiplication by $8l_o c$) inverse function with consecutive multiplication (neglecting the higher terms) (analogically to the, justly, above), we get:

$$t_{II\uparrow} = l_o/c - l_o \beta/c + l_o \beta^2/c + y^2/8l_o c \quad (7)$$

From equation (5), one has the time for NE' light path:

$$t_{NE'\downarrow} = (t_{II\uparrow}/l_o) (V_e t_{II\uparrow} + V_e t_{II\downarrow} + V_e^2 t_{II\uparrow}^2 / l_o + V_e^2 t_{II\uparrow} t_{II\downarrow} / l_o).$$

This equation permits to calculate the time for M_2' 'NE' path:

$t_{II\downarrow}(M_2'NE') = t_{II\uparrow} + t_{NE'\downarrow}$, where analogically to obtaining the equation (7) from (6), one gets the expression for $t_{II\downarrow}$ with approximation of inverse function, multiplications and simple transformations:

$$t_{II\downarrow} = t_{II\uparrow} + 2t_{II\uparrow}^2 V_e / l_o + 3t_{II\uparrow}^3 V_e^2 / l_o^2.$$

So $t_{II}(\text{total}) = t_{II\uparrow} + t_{II\downarrow} = 2t_{II\uparrow} + 2t_{II\uparrow}^2 V_e / l_o + 3t_{II\uparrow}^3 V_e^2 / l_o^2$ and using the equation (7), taking even one term from $t_{II\uparrow}^3$, making the simple transformations and neglecting the terms of higher orders, we get: $t_{II}(\text{total}) \approx 2l_o/c + y^2/4l_o c$ (8).

7.3.3.2. \perp path $OM_1'E'$.

With help of the right-angled triangles $\Delta OM_1'R$ and $\Delta HM_1'E'$, one has:

$$OM_1'^2 = c^2 t_{\perp\rightarrow}^2 (OM_1') = (RM_1')^2 + OR^2 = l_o^2 + V_e^2 t_{II\uparrow}^2, \text{ hence, analogically to §7.3.1., simply, } t_{\perp} \approx (l_o/c) (1 + \beta^2/2) \text{ using the equation (7).}$$

$$\text{Also: } (M_1'E')^2 = c^2 t_{\perp\leftarrow}^2 (M_1'E') = (M_1'H)^2 + (HE')^2 = (l_o - y)^2 + (V_e t_{II\uparrow})^2.$$

$$t_{II\uparrow} = t_{II}(\text{total}) - t_{II\downarrow} = l_o/c + y^2/8l_o c + l_o \beta/c - l_o \beta^2/c \text{ with equations (8) and (7).}$$

$$\text{And } t_{\perp\leftarrow} = (1/c) \sqrt{(l_o - y)^2 + V_e^2 (l_o/c + y^2/8l_o c + l_o \beta/c - l_o \beta^2/c)^2} \approx (9).$$

$(l_o/c)(1 + \beta^2/2 - y/l_o)$ neglecting the terms of the order, higher than 2 (in taking

the 3 terms at the root approximation). Consequently,

$$t_{\perp}(\text{total}) = t_{\perp\rightarrow} + t_{\perp\leftarrow} = 2l_o(1 + \beta^2/2)/c - y/c. \quad (9).$$

§7.3.3.3. So $t_{II}(\text{total})$ increases with y and t_{\perp} decreases with y .

where the $t_{II\uparrow}$ and $t_{II\downarrow}$ - the times for path OM_2' and M_2' 'NE' correspondingly. After the simple transformations, we get: $PN = y(l_0 - V_e t_{II\uparrow}) / (2l_0 + V_e t_{II\downarrow} - V_e t_{II\uparrow})$.

After the approximation (series Taylor) of the above corrected inverse function with the consecutive multiplication (in neglecting /at the end/ the terms of higher /than β^2 / orders), one get: $PN \approx y/2$ (4), where the y must be already proportional to $l_0 \beta^2$ (§7.3.2.3.). Let find NE' from the similar triangles $\Delta OM_2'N$ and $\Delta NEE'$:

$$NE' = NM_2' \cdot EE' / M_2'P = OM_2' \cdot (V_e t_{II\uparrow} + V_e t_{II\downarrow}) / (l_0 - V_e t_{II\uparrow}) \quad (\text{where } NM_2' = OM_2').$$

Analogically to the transformations of PN /in obtaining the equation (4)/, we get:

$$NE' = (OM_2' / l_0) \cdot (V_e t_{II\uparrow} + V_e t_{II\downarrow} + V_e^2 t_{II\uparrow}^2 / l_0 + V_e^2 t_{II\uparrow} t_{II\downarrow} / l_0) \quad (5).$$

From right-angled triangle $\Delta OM_2'P$, one has:

$$OM_2'^2 = (OP)^2 + (M_2'P)^2 = (PN)^2 + (l_0 - V_e t_{II\uparrow})^2.$$

With simple calculations (analogically to §7.3.2.1.) in dividing by l_0 , approximating the root (Taylor series: taking firstly until the term of second order) and in neglecting (at the end) the terms of higher (than β^2) orders, we obtain (after deviding by c):

$$t_{II\uparrow}(OM_2') = (l_0/c) \cdot (1 - V_e t_{II\uparrow} / l_0 + (PN)^2 / 2l_0^2).$$

Using equation (4), one has: $t_{II\uparrow} = l_0/c - V_e t_{II\uparrow} / c + y^2 / 8l_0 c$ (6),

hence one can find $t_{II\uparrow}$: $t_{II\uparrow} = (8l_0 + y^2) / (8l_0 c + 8l_0 V_e)$,

and then after approximation (series Taylor) of the above corrected (division and multiplication by $8l_0 c$) inverse function with consecutive multiplication (neglecting the higher terms) (analogically to the, justly, above), we get:

$$t_{II\uparrow} = l_0/c - l_0 \beta / c + l_0 \beta^2 / c + y^2 / 8l_0 c \quad (7)$$

From equation (5), one has the time for NE' light path:

$$t_{NE'\downarrow} = (t_{II\uparrow} / l_0) (V_e t_{II\uparrow} + V_e t_{II\downarrow} + V_e^2 t_{II\uparrow}^2 / l_0 + V_e^2 t_{II\uparrow} t_{II\downarrow} / l_0).$$

This equation permits to calculate the time for M_2' 'NE' path:

$$t_{II\downarrow}(M_2'NE') = t_{II\uparrow} + t_{NE'\downarrow},$$

where analogically to obtaining the equation (7) from (6), one gets the expression for $t_{II\downarrow}$ with approximation of inverse function, multiplications and simple transformations:

$$t_{II\downarrow} = t_{II\uparrow} + 2t_{II\uparrow}^2 V_e / l_0 + 3t_{II\uparrow}^3 V_e^2 / l_0^2.$$

So $t_{II}(\text{total}) = t_{II\uparrow} + t_{II\downarrow} = 2t_{II\uparrow} + 2t_{II\uparrow}^2 V_e / l_0 + 3t_{II\uparrow}^3 V_e^2 / l_0^2$ and using the equation (7), taking even one term from $t_{II\uparrow}^3$, making the simple transformations and neglecting the terms of higher orders, we get: $t_{II}(\text{total}) \approx 2l_0/c + y^2/4l_0 c$ (8).

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$$OM_1'^2 = c^2 t_{\perp\rightarrow}^2 (OM_1') = (RM_1')^2 + OR^2 = l_0^2 + V_e^2 t_{II\uparrow}^2, \quad \text{hence, analogically to §7.3.1., simply, } t_{\perp} \approx (l_0/c) (1 + \beta^2/2) \text{ using the equation (7).}$$

$$\text{Also: } (M_1'E')^2 = c^2 t_{\perp\leftarrow}^2 (M_1'E') = (M_1'H)^2 + (HE')^2 = (l_0 - y)^2 + (V_e t_{II\downarrow})^2.$$

$$t_{II\downarrow} = t_{II}(\text{total}) - t_{II\uparrow} = l_0/c + y^2/8l_0 c + l_0 \beta / c - l_0 \beta^2 / c \text{ with equations (8) and (7).}$$

$$\text{And } t_{\perp\leftarrow} = (1/c) \sqrt{(l_0 - y)^2 + V_e^2 (l_0/c + y^2/8l_0 c + l_0 \beta / c - l_0 \beta^2)^2} \approx \quad (9).$$

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the 3 terms at the root approximation). Consequently,

$$t_{\perp}(\text{total}) = t_{\perp\rightarrow} + t_{\perp\leftarrow} = 2l_0(1 + \beta^2/2)/c - y/c. \quad (9).$$

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$$NE' = NM_2' \cdot EE' / M_2'P = OM_2' \cdot (V_e t_{II\uparrow} + V_e t_{II\downarrow}) / (l_0 - V_e t_{II\uparrow}) \quad (\text{where } NM_2' = OM_2').$$

Analogically to the transformations of PN /in obtaining the equation (4)/, we get:

$$NE' = (OM_2' / l_0) \cdot (V_e t_{II\uparrow} + V_e t_{II\downarrow} + V_e^2 t_{II\uparrow}^2 / l_0 + V_e^2 t_{II\uparrow} t_{II\downarrow} / l_0) \quad (5).$$

From right-angled triangle $\Delta OM_2'P$, one has:

$$OM_2'^2 = (OP)^2 + (M_2'P)^2 = (PN)^2 + (l_0 - V_e t_{II\uparrow})^2.$$

With simple calculations (analogically to §7.3.2.1.) in dividing by l_0 , approximating the root (Taylor series: taking firstly until the term of second order) and in neglecting (at the end) the terms of higher (than β^2) orders, we obtain (after deviding by c):

$$t_{II\uparrow}(OM_2') = (l_0/c) \cdot (1 - V_e t_{II\uparrow} / l_0 + (PN)^2 / 2l_0^2).$$

Using equation (4), one has: $t_{II\uparrow} = l_0/c - V_e t_{II\uparrow} / c + y^2 / 8l_0 c$ (6),

hence one can find $t_{II\uparrow}$: $t_{II\uparrow} = (8l_0 + y^2) / (8l_0 c + 8l_0 V_e)$,

and then after approximation (series Taylor) of the above corrected (division and multiplication by $8l_0 c$) inverse function with consecutive multiplication (neglecting the higher terms) (analogically to the, justly, above), we get:

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This equation permits to calculate the time for M_2' 'NE' path: $t_{II\downarrow}(M_2'$ 'NE') = $t_{II\uparrow} + t_{NE'\downarrow}$, where analogically to obtaining the equation (7) from (6), one gets the expression

for $t_{II\downarrow}$ with approximation of inverse function, multiplications and simple transformations:

$$t_{II\downarrow} = t_{II\uparrow} + 2t_{II\uparrow}^2 V_e / l_0 + 3t_{II\uparrow}^3 V_e^2 / l_0^2.$$

So $t_{II}(\text{total}) = t_{II\uparrow} + t_{II\downarrow} = 2t_{II\uparrow} + 2t_{II\uparrow}^2 V_e / l_0 + 3t_{II\uparrow}^3 V_e^2 / l_0^2$ and using the equation (7), taking even one term from $t_{II\uparrow}^3$, making the simple transformations and neglecting the terms of higher orders, we get: $t_{II}(\text{total}) \approx 2l_0/c + y^2/4l_0 c$ (8).

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With help of the right-angled triangles $\Delta OM_1'R$ and $\Delta HM_1'E'$, one has:

$$OM_1'^2 = c^2 t_{I\rightarrow}^2 (OM_1') = (RM_1')^2 + OR^2 = l_0^2 + V_e^2 t_{II\uparrow}^2, \quad \text{hence, analogically to §7.3.1., simply, } t_{I\rightarrow} \approx (l_0/c) (1 + \beta^2/2) \text{ using the equation (7).}$$

$$\text{Also: } (M_1'E')^2 = c^2 t_{I\leftarrow}^2 (M_1'E') = (M_1'H)^2 + (HE')^2 = (l_0 - y)^2 + (V_e t_{II\downarrow})^2.$$

$$t_{II\downarrow} = t_{II}(\text{total}) - t_{II\uparrow} = l_0/c + y^2/8l_0 c + l_0 \beta / c - l_0 \beta^2 / c \text{ with equations (8) and (7).}$$

$$\text{And } t_{I\leftarrow} = (1/c) \sqrt{(l_0 - y)^2 + V_e^2 (l_0/c + y^2/8l_0 c + l_0 \beta / c - l_0 \beta^2 / c)^2} \approx \quad (9).$$

$(l_0/c) (1 + \beta^2/2 - y/l_0)$ neglecting the terms of the order, higher than 2 (in taking

the 3 terms at the root approximation). Consequently,

$$t_{I\leftarrow}(\text{total}) = t_{I\rightarrow} + t_{I\leftarrow} = 2l_0(1 + \beta^2/2)/c - y/c. \quad (9).$$

§7.3.3.3. So $t_{II}(\text{total})$ increases with y and $t_{I\leftarrow}$ decreases with y .

Let find again the y value when their difference is zero $\Delta(t_{\perp} - t_{\parallel}) = 0$:

Easily with equations (8) and (9), we get the second order equation for y :

Hence: $y^2 + 4l_0 y - 4l_0^2 \beta^2 = 0$ (10) and $y = l_0 \beta^2$, coinciding perfectly with similar calculations for Fig.1A, confirming well the validity of these long calculations.

7.4. Clearer Utopia of Michelson's interferometer measurements.

Now we are ready to realize the (yet) most grave experimental error in the science history. Let realize the formation of the interference pattern in such interferometer. It is not formed by the difference of the light paths due to the differences in the Earth velocities but by the virtual images M_{1i} and M_{2i} in the M_2 mirror where these "virtual images... will be placed side by side and we obtain a system of parallel fringes" /10/ and the light path differences of the \perp and \parallel directions (to Earth movement) makes only the modulation, redistribution of such pattern (Fig.2).

Let see the shift of any particular virtual maximum at the increasing of the optic path in the telescope arm (" M_2 "), corresponding to the \perp path at the configuration of Fig.1A. It can be done with the increasing of the optical density, in putting some plexiglass at pathway " M_2 " (as at phase fluorometer calibration) or due to the delaying influence of the Earth movement in observing the interference closer to point O. In such case, the path difference between the virtual sources ($M_{2i}A$) will increase. And the difference ($M_{2i}A$), that should be constant to correspond to the maximum must correspond to the pattern, situated already more on the left: at x_2 . But at the new, more left, x_2 observation point, the difference between the \perp and \parallel pathways increases automatically according to the equation (2), it means the real maximum will be righter, at some point x_3 . So the interferometer is clearly desensitized, because at the shifting of the interference pattern there is the automatic appearance of the additional COMPENSATING (partly neutralizing), always opposite shift due to the dependence of the shift value $\Delta(\perp - \parallel)$ on the observation point according to equation (2). The situation is similar at the geometric configuration, corresponding to Fig.1B. So Michelson apriori could not have the corresponding shift with his measurements and Einstein took the very clear false basis for his postulate N°1. Consequently, it is clear definitive irreversible end of the Odyssey with very imaginative Theory of Relativity of Albert Einstein, previous N°1 in the World Science.

7.5. Spectacular experimental, 70 years old, confirmation (already) of author's conclusions.

But such "automatic" difference between the \perp and \parallel paths along the observation line OM_1 (Fig.1) must lead to the fringes with the different width. Evidently, at the lowest x values, the x_3 is more left from x_1 , than at higher x (Fig.2A).

Evidently, the regular interference (from virtual sources) observable pattern changes (shift to the left) stronger at the lowest x , with the shift decrease at x increase. (Figs.1A and 2A) that clearly must lead to the decrease of the fringe width with the x increase until $x = l_0 \beta^2$. Moreover, my calculations (§7.2.-7.4.) prove also that, at $x = l_0 \beta^2$, the picture will be relatively more symmetrical than elsewhere because the path

Let find again the y value when their difference is zero $\Delta(t_{\perp} - t_{\parallel}) = 0$:

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c- light velocity value. $\beta = V_e/c$. Length (l_0) of the "shoulder" $OM_1 = 32m$; S- light source, M_{2i} and M_{1i} - virtual images of the light source in M_2 ; M_{2i} and M_{1i} are the distances to any point I at the observable line OM' in the creation of the interference pattern with help of M_{1i} and M_{2i} ; ΔM_{2i} - differential path difference; G- semi-transparent glass plate; T- observing telescope; M_1 and M_2 - mirrors. A. OM_2O' - total light path in perpendicular (\perp) to the V_e direction, wherein the light "meets", at the displaced O observation point (becoming point O' due to Earth movement), the beam separation point, the parallel beam. M'_1 - new mirror position after Earth displacement (OM'_1 light trajectory). Such M'_1 site is varied at light arrival to fixed point M_2 or ANY point M but for commodity, I do not draw 2nd site of M_1 and calculations are the same anyway. OM'_1O' - total light path in parallel (\parallel) direction until the same point O'. E- is arbitrary observation point (at distance x of order of $l_0\beta$ from O'). OM'_2E and OM'_1E are the total \perp and \parallel light paths until point E. $OM_2 = M_2O'$, $OM'_2 = M'_2E$, $M_2P' \perp OM_1$ and $M'_2P'' \perp OM_1$. B. Device position after its rotation counter-clockwise, through 90° . M'_2 - new M_2 position due to Earth movement. Observation at any point E' /distance y from O (order $l_0\beta$, in reality order $\sim l_0\beta^2$ as the x value- 3.3.2.)/. OM'_2NE' - total light path in parallel direction ($OM'_2 = M'_2N$). M'_2P is perpendicular. OM'_1E' - path in the \perp direction. $EE' \perp OE$ (E)H and H(E')- positions of E at the moment when the light arrives to M'_2 and E' (due to Earth movement).

Note, that: $V_e \cdot t_{\parallel} \approx V_e \cdot t_{\perp} \approx V_e \cdot l_0/c \approx l_0 \cdot \beta$.

Fig.2.A. Evident desensitization of the Michelson-Miller Interferometer. Due to the automatic difference between the \perp and \parallel light paths, the registered shift of the interference pattern is much less than it were to be. M_{1i} and M_{2i} - virtual coherent images of the light source in M_2 mirror (M_{1i} - is the image due to path at the M_1 mirror directions that is /as secondary/ visible in the M_2 mirror with help of the focused appropriately telescope T). Maximum (Max) N°1 is any particular interference maximum that would be visible if there is no special obstacles. Max N°2 would be the new position (because of the shift) of Max N°1 due to the increase of the optical path of the "M₂ path" /as the pathway with the plexiglass (with increased optical density) on the pathway as at the phase fluorometer calibration or the delaying influence of the Earth movement/. Max N°3 is the real position (very decreased shift) of Max N°1 because of the above influence: real Michelson interferometer measurements due to the superposition of the permanent difference between the both pathways (on interference pattern of the M_{1i} and M_{2i} virtual coherent sources), which, itself, depends on the NEW position of the maximum shift (VARIATION with x and y- Fig.1A,B). Situation (here), corresponding to the configuration of Fig.1A. B. Evident Hypersensitization of the Michelson-Miller interferometer. This time the virtual image M_{2i} is adjusted (more difficultly) to be farer from the M_2 mirror! One sees equally (to Fig.2A) that the shift in X_2 (of the original X_1 maximum) increases (this time) automatically the measured X_3 distance. Configuration, here, of Fig.1B.

Fig.3. The exciting proof of the absence of the light propagation between Universes

c- light velocity value. $\beta = V_e/c$. Length (l_0) of the "shoulder" $OM_1 = 32m$; S- light source, M_{2i} and M_{1i} - virtual images of the light source in M_2 ; $M_{2i}|$ and $M_{1i}|$ are the distances to any point I at the observable line OM' in the creation of the interference pattern with help of M_{1i} and M_{2i} ; AM_{2i} - interferential path difference; G- semi-transparent glass plate; T- observing telescope; M_1 and M_2 - mirrors. A. OM_2O' - total light path in perpendicular (\perp) to the V_e direction, wherein the light "meets", at the displaced O observation point (becoming point O' due to Earth movement), the beam separation point, the parallel beam. M'_1 - new mirror position after Earth displacement (OM'_1 light trajectory). Such M'_1 site is varied at light arrival to fixed point M_2 or ANY point M but for commodity, I do not draw 2nd site of M_1 and calculations are the same anyway. OM'_1O' - total light path in parallel (\parallel) direction until the same point O' . E- is arbitrary observation point (at distance x of order of $l_0\beta$ from O'). OM'_2E and OM'_1E are the total \perp and \parallel light paths until point E. $OM'_2 = M'_2O'$, $OM'_2 = M'_2E$, $M'_2P' \perp OM_1$ and $M'_2P'' \perp OM_1$. B. Device position after its rotation counter-clockwise, through 90° . M'_2 - new M_2 position due to Earth movement. Observation at any point E' /distance y from O (order $l_0\beta$, in reality order $\sim l_0\beta^2$ as the x value- 3.3.2.)/. OM'_2NE' - total light path in parallel direction ($OM'_2 = M'_2N$). M'_2P is perpendicular. OM_1E' - path in the \perp direction. $EE' \perp OE$. (E)H and H(E')- positions of E at the moment when the light arrives to M'_2 and E' (due to Earth movement).

Note, that: $V_e \cdot t_{\parallel} \approx V_e \cdot t_{\perp} \approx V_e \cdot l_0/c \approx L_0 \cdot \beta$.

Fig.2.A. Evident desensitization of the Michelson-Miller Interferometer. Due to the automatic difference between the \perp and \parallel light paths, the registered shift of the interference pattern is much less than it were to be. M_{1i} and M_{2i} - virtual coherent images of the light source in M_2 mirror (M_{1i} - is the image due to path at the M_1 mirror directions that is /as secondary/ visible in the M_2 mirror with help of the focused appropriately telescope T). Maximum (Max) $N^{\circ}1$ is any particular interference maximum that would be visible if there is no special obstacles. Max $N^{\circ}2$ would be the new position (because of the shift) of Max $N^{\circ}1$ due to the increase of the optical path of the " M_2 path" /as the pathway with the plexiglass (with increased optical density) on the pathway as at the phase fluorometer calibration or the delaying influence of the Earth movement/. Max $N^{\circ}3$ is the real position (very decreased shift) of Max $N^{\circ}1$ because of the above influence: real Michelson interferometer measurements due to the superposition of the permanent difference between the both pathways (on interference pattern of the M_{1i} and M_{2i} virtual coherent sources), which, itself, depends on the NEW position of the maximum shift (VARIATION with x and y - Fig.1A,B). Situation (her), corresponding to the configuration of Fig.1A. B. Evident Hypersensitization of the Michelson-Miller interferometer. This time the virtual image M_{2i} is adjusted (more difficultly) to be farer from the M_2 mirror! One sees equally (to Fig.2A) that the shift in X_2 (of the original X_1 maximum) increases (this time) automatically the measured X_3 distance. Configuration, here, of Fig.1B.

Fig.3. The exciting proof of the absence of the light propagation between Universes

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Fig.4. The cause of the obligatory eccentricity of all orbits of Solar Systems. (The illustrated case is for the interior orbit, like the Mercury one). After the explosion of Supernova Binary, that rotated on the larger (here) orbit, its fragment (as Mercure) must rotate on the orbit that is parallel to that of Binary. Consequently, from the direction of the force of the gravitational attraction (F) (that is angular, this time, relatively the new orbit plane) to Sun, there is the creation of its vertical component (F_V), that returns the fragment towards the plane of the ancient orbit of the Binary. (F_C - centripetal force).

Fig.5. Mechanism of the process of the Solar Cycles. The dense interior core (nucleus) of Sun makes the asymmetric precession (with "Greenwich" meridian) with the 4 periods of the notation of the superposition around the rotational axis of the exterior rest ("envelope") of Sun (N - its North pole). The projection of the magnetic momentum of the nucleus on the solar surface makes the circle with the period of ~80 years, composed of the 8 periods of the 10-11 years, of the 4 periods of 20-22 years and of the 2 periods of ~40 years! (The numbers of the solar cycles are near the corresponding part of the cycle).

Important Supplement for Research- According to Law.

According to Law /for instance, Art.52(3) of Convention of European Patent Office (EPO)/: "The provisions of paragraph 2 (as nonpatentability of discoveries and scientific theories AS SUCH) shall exclude patentability of the subject-matter or activities referred to in that provision only (ONLY) to the extent to which a European patent application... relates to such ... subject-matter or activities AS SUCH (it means without their practical applications)". To see also the Accord between a number of Offices making the International Search (as EPO, of USA, of Russia, of Austria, of Sweden, of Japan) and World International Patent Organisation in "PCT Gazette" 56/1997 (Appendix B): "are not excluded from research (PCT) or examination (PCT): all objects that are submitted to the research or examination according to the national procedure". Very clearly, as well in "Guidelines for Examination in European Patent Office" §CIV-2.2. .

The direct stipulation is absolutely EQUIVALENT (since secondary school since 12 years since "their" Euclide) to the stipulation, opposite to the inverse one: "If the European Patent Application concerns the subject-matters (as the discoveries and scientific theories) with their applications (= "not as such"), they are patentable ONLY in this case"!

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